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中国九节属(茜草科)资料

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MATERIALS FOR CHINESE *PSYCHOTRIA* LINN. (RUBIACEAE)

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Abstract Two new species and one new combination of the genus *Psychotria* Linn.from China are described and made , They are *P.fluviatilis* Chun, *P.densa* W.C.Chen and *P.rubra* (Lour.) Poir.var.*pilosa* (Pitard) W. C. Chen

Key words *Psychotria*; *P. fluviatilis*; *P. densa*; *P. rubra* var. *pilosa*; New species; New combination

关键词 九节属;溪边九节;密脉九节;毛叶九节;新种;新组合

1.**溪边九节** 新种 图 1

Psychotria fluviatilis Chun, sp. nov.

Species *P.tutcheri* Dunn similis, sed foliis in sicco olivaceis, nervis lateralibus utrinsecus 4—8, gracilibus, inconspicuis vel infra subconspicuis; fructibus oblongis vel subglobosis, pedicellis fructiferis gracilibus, 5—10 mm longis differt.

Frutex 0.4—3m altus: ramulis glabris. Folia opposita, chartacea vel tenuiter coriacea, oblanceolata vel elliptica, raro obovata, 5—11 cm longa, 1—3.7 cm lata, apice acuminata, acuta vel subobtusa, basi attenuata vel cuneata, integra, glabra, leviter lucida, in sicco olivacea, infra pallidiora; nervia lateralibus utrinsecus 4—8, gracilibus, inconspicuis vel infra subconspicuis; petiolis 0.5—1.8 cm longis; stipulis lanceolatis vel deltatis, chartaceis, 4—7 mm longis, 2.5—5.5 mm latis, apice acuminatis, interdum bilobatis, deciduis. Cyma terminalis vel axillaris, pauciflora, 1—3 cm longa, 1—1.5cm lata; pedunculo 0.2—2 cm longo , saepe sparsim pubescenti; bracteis et bracteolis lineari-lanceolatis, 0.7—1 mm longis; flores albi, pedicellis c. 1.5 mm longis; calycibus obconicis, 1.5 mm longis, limbis ampliatis, lobis 4—5, deltatis, 0.5 mm longis; corollis tubiformibus, extus glabris, tubis 3—3.5 mm longis , 1.5 mm latis, fauce albo-villosis, lobis 4—5, oblongis, apice paulo acutis, 1—1.7 mm longis , sub anthesi recurvis; antheris oblongis, leviter exsertis; stigmatibus leviter exsertis. Fructus oblongi vel subglobosi,

rubri, glabri, costati, 6—7mm longi, 3—6mm diam., calycibus persistentibus coronati; pedicellis fructiferis gracilibus, 5—10mm longis; seminibus 2, dorso convexis, costatis, facie ventrali planis.

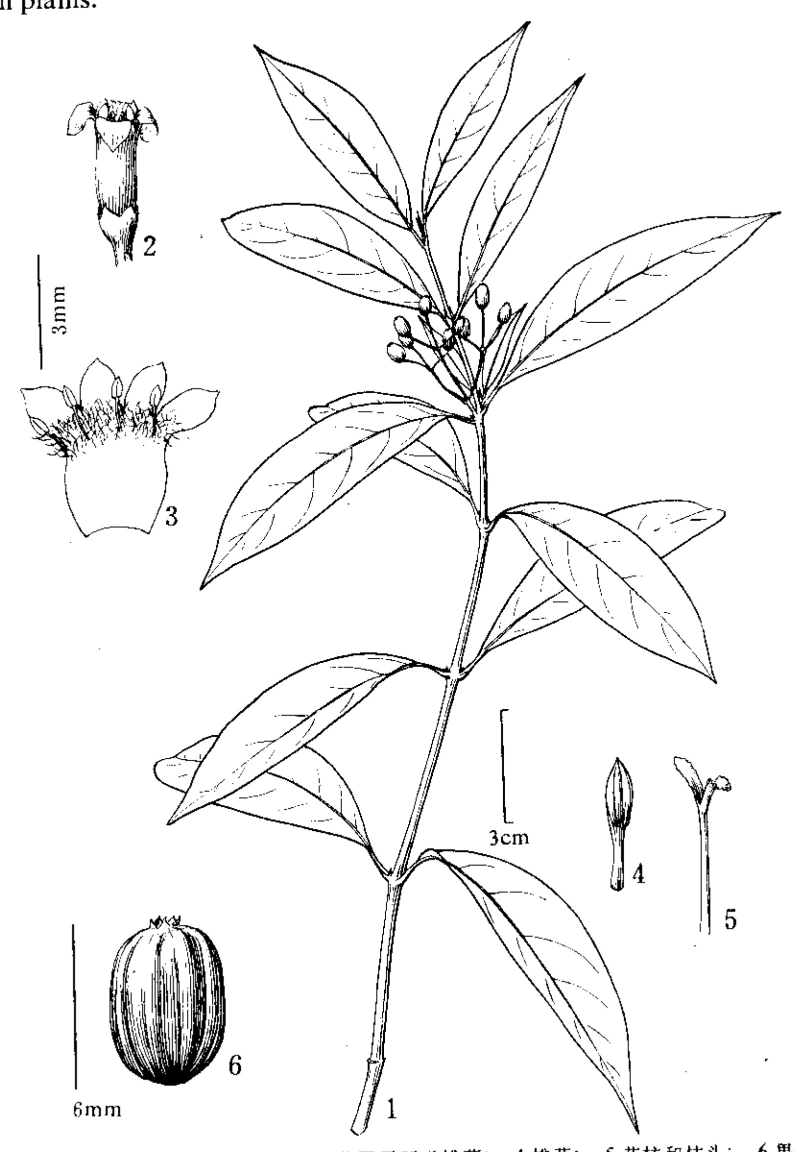


图 1　溪边九节　1.果枝；　2.花；　3.花冠展开示雄蕊；　4.雄蕊；　5.花柱和柱头；　6.果。

Fig.1　*Psychotria fluviatilis*　*1.fruit branch; 2.flower; 3.corolla opened up, showing stamens; 4.stamen; 5.style and stigma; 6.fruit.*

Guangdong (广东): Yingde(英德), Wentangshan (温塘山), in ripa, 1931. 09. 13, H. Y. Liang(梁向日)61051(Typus, SCBI); ibid.loc., H. Y. Liang (梁向日) 61289. 61385, P. H. Liang(梁宝汉)84432; Ruyuan (乳源), C. Wang(黄志) 42614; Lianshan (连山), S. H. Chun (陈少卿) 5670; Heyuan (河源), W. T. Tsang (曾怀德) 28759; Xinyi (信宜), C. Wang (黄志) 38061; Shixing (始兴), Shixing Exped.(始兴队) 340; Longmen (龙门), G.

C. Zhang (张桂才) 488; Fengkai (封开), Yue 74(粤 74)5066; ibid.loc., G. Q. Ding (丁广奇) 6307; Wengyuan (翁源), S. K. Lau(刘心祈) 25056、25278、24218; Lechang (乐昌), S. P. Ko (高锡朋) 51060, C. L. Tso (左景烈) 21167; Qujiang(曲江), H. Y. Liang(梁向日) 31547; Huaiji (怀集), Y. G. Liu (刘英光)02737; Yangohun (阳春), Zhanjiang Exped. (湛江队)04218、04226.

Guangxi (广西): Ningming (宁明), Guangxi Mus. (广西博物馆) 7603, H. H. Su (苏宏汉) 68152; Zhongshan (钟山), Z. T. Li(李中提) 603903.

灌木，高 0.4—3m；小枝无毛。叶对生，纸质或薄革质，倒披针形或椭圆形，稀倒卵形，长 5—11cm，宽 1—3.7cm，顶端渐尖、短尖或稍钝，基部渐狭或楔形，全缘，无毛，稍光亮，干时榄绿色，下面较苍白；侧脉 4—8 对，纤细，不明显或在下面稍明显；叶柄长 0.5—1.8cm；托叶披针形或三角形，纸质，长 4—7mm，宽 2.5—5.5mm，顶端渐尖，有时 2 裂，脱落。聚伞花序顶生或腋生，少花，长 1—3cm，宽 1—1.5cm；总花梗长 0.2—2cm，常被疏短柔毛；苞片和小苞片线状披针形，长 0.7—1mm；花白色，花梗长约 1.5mm；花萼倒圆锥形，长 1.5mm，檐部扩大，花萼裂片 4—5，三角形，长 0.5mm；花冠管状，外面无毛，花冠管长 3—3.5mm，宽 1.5mm，喉部被白色长柔毛，花冠裂片 4—5，长圆形，顶端稍尖，长 1—1.7mm，开放时下弯；花药长圆形，稍伸出；柱头稍伸出。果长圆形或近球形，红色，无毛，具棱，长 6—7mm，直径 3—6mm，顶部有宿存萼；果柄纤细，长 5—10mm；种子 2 颗，背面凸，具棱，腹面平坦。

本种和假九节 *Psychotria tutcheri* Dunn 近似，但本种的叶干时榄绿色，侧脉 4—8 对，纤细，不明显或在下面稍明显；果长圆形或近球形，果柄纤细，长 5—10mm，因而易区别。

2.密脉九节 新种 图 2

Psychotria densa W. C. Chen, sp. nov.

Similis *P. siamicae* (Craib) Hutch., sed foliis majorbus, 10—26cm longis, 4—12.5cm latis, nervis lateralibus utrinsecus 12—18; cyma paniculiformi, calycibus corollisque extus glabris; fructibus glabris differt.

Frutex 1—3m altus; ramulis juvenalibus dense rubiginoso-pubescentibus. Folia opposita, chartacea vel tenuiter coriacea, elliptica, oblonga vel oblongo-oblanceolata, 10—26cm longa, 4—2.5cm lata, apice acuta vel breviter acuminata, basi cuneata, integra, supra glabra, infra rubiginoso-pubescentia, ad costam nervosque laterales densius pilifera; costa infra elevata, nervis lateralibus utrinsecus 12—18, densis, supra conspicuis, infra elevatis; petiolis 1.5—7.5cm longis, rubiginoso-pubescentibus vel subglabris; stipulis triangulato-ovatis, rubiginoso-pubescentibus, 1—1.5cm longis, 0.6—1cm latis, apice acuminatis, deciduis. Cyma terminalis, densiflora, paniculiformis, 3—7cm longa, 2.5—7.5cm lata; pedunculo rubiginoso-pubescenti; flores sessiles vel subsessiles; calycibus obconicis, c. 2mm longis, glabris, limbis ampliatis, lobis 5, deltatis, c. 0.5mm longis; corollis tubiformibus, extus glabris, c. 6mm longis, tubis c. 4mm longis, c. 1mm latis, fauce albo-villosis, lobis 5, oblongis, c. 2mm longis, sub anthesi recurvis;

staminibus 5, leviter exsertis, antheris oblongis, c. 0.8 mm longis, filamentis c. 1mm longis; stylis longis, stigmatibus bilobatis, exsertis. Fructus rubri, glabri, costati, 8—10 mm longi, 5—6 mm diam., ellipsoidei; seminibus 2, dorso convexis, costatis, facie ventrali leviter concavis.

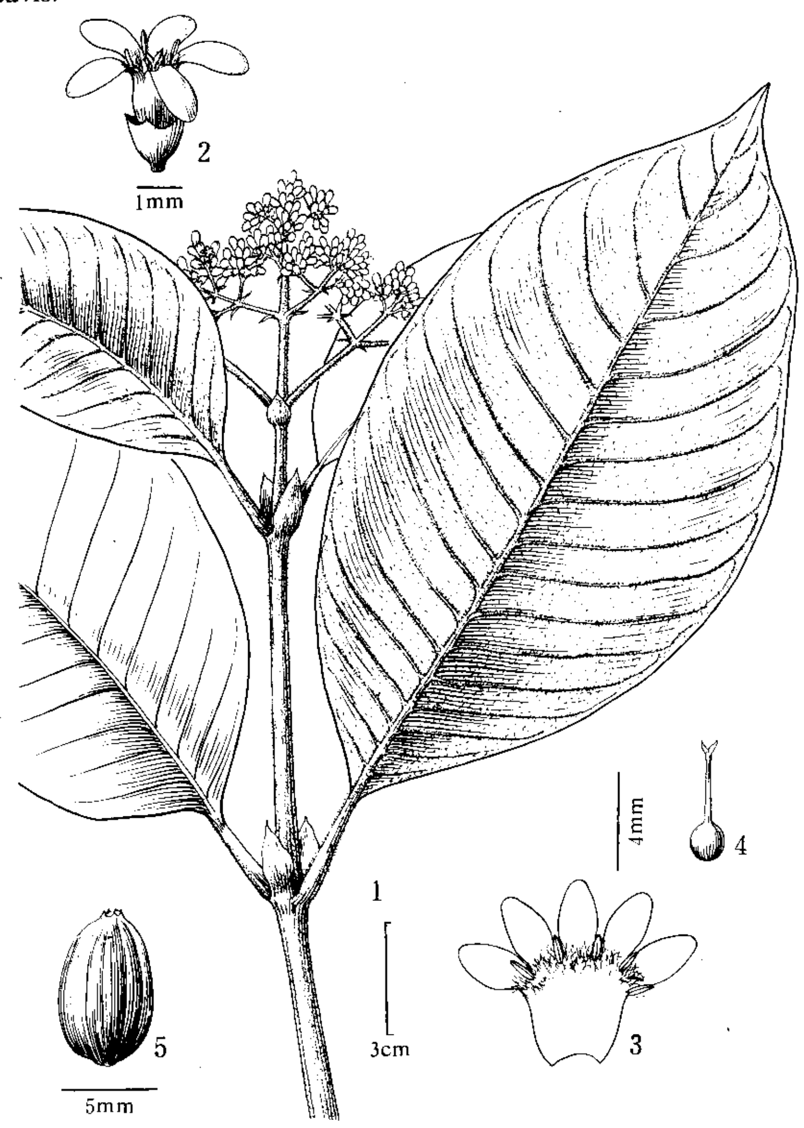


图 2 密脉九节 1.花枝；2.花；3.花冠展开示雄蕊；4.雌蕊；5.果.（余峰绘）

Fig.2 *P. densa* 1. flower branch; 2.flower; 3.corolla opened up, showing stamens; 4.pistil; 5.fruit.

Yunnan (云南): Pingbian (屏边), Yaoshanqu (瑶山区), Liangzixiang (樑子乡), Sanchahe (三岔河), alt. 1260 m, in silvis, 1954. 05. 03, P. Y. Mao(毛品一) 04127(Typus, SCBI); ibid. loc., P. Y. Mao(毛品一) 03969; Hekou (河口), Daweishan (大围山), X. Wang (王孝), S. P. Ko (高锡朋)、X. Q. Liu (刘心祈) 100347; ibid. loc., H. T. Tsai(蔡希陶) 52631.

灌木，高1—3m；嫩枝密被锈红色柔毛。叶对生，纸质或薄革质，椭圆形、长圆形或长圆状倒披针形，长10—26cm，宽4—12.5cm，顶端急尖或短渐尖，基部楔形，全缘，上面无毛，下面被锈红色柔毛，沿中脉和侧脉被毛较密；中脉在下面凸起，侧脉12—18对，密，在上面明显，在下面凸起；叶柄长1.5—7.5cm，被锈红色柔毛或近无毛；托叶三角状卵形，被锈红色柔毛，长1—1.5cm，宽0.6—1cm，顶端渐尖，脱落。聚伞花序顶生，密花，圆锥状，长3—7cm，宽2.5—7.5cm；总花梗被锈红色柔毛；花无梗或近无梗；花萼倒圆锥形，长约2mm，无毛，萼箭扩大，花萼裂片5，三角形，长约0.5mm；花冠管状，外面无毛，长约6mm，花冠管长约4mm，宽约1mm，喉部被白色长柔毛，花冠裂片5，长圆形，长约2mm，开放时下弯；雄蕊5，稍伸出，花药长圆形，长约0.8mm，花丝长约1mm；花柱长，柱头2裂，伸出。果椭圆球形，红色，无毛，具棱，长8—10mm，直径5—6mm；种子2，背面凸，具棱，腹面稍凹陷。

本种近似驳骨九节 *Psychotria siamica* (Craib) Hutch.，但不同的是本种的叶较大，长10—26cm，宽4—12.5cm，侧脉12—18对；聚伞花序圆锥状，花萼和花冠外面无毛；果无毛。

3.**毛叶九节** 变种 新组合

Psychotria rubra (Lour.) Poir. var. **pilosa** (Pitard) W. C. Chen, comb. nov. —— *P. reevesii* Wall. var. *pilosa* Pitard in Lecomte, Fl. Gen. Indo-Chine **3**：362. 1924.

Guangdong(广东)：Huazhou (化州)，H. S. Lo (罗献瑞) 971.

Guangxi (广西)：Wuzhou (梧州)，Y. H. Li (李用华) 307.

分布：越南。我国分布新记录。

本变种和原变种(九节)不同的是：叶下面被短柔毛，尤其在中脉和侧脉上较密。

说明：本刊第30卷第3期《中国九节属(茜草科)资料》一文的图错置，以本文为准。

Noties: This paper is published here for the second time. It was first published in this journal before (Vol. 30 (3)), but the figures there were misplaced during printing.